

# HYDROSTATIC POWER

There are many lakes that are located in many parts of the world that can be used to produce electricity and to pump water for irrigation purposes. Near the lakes there are communities or populated areas that need electricity for their electrical consumption. And also there are agricultural farms that need irrigation to water the plants.

Our TWIN-ROTOR TZUY TURBINE with electric generators in it can produce small-scale or large-scale FREE electrical energy by just lowering the TZUY TURBINE hydrostatic electric power plant at the bottom of the deep lake. The water pressure below the water surface is so enormous and will automatically rotate or spin the twin-rotor TZUY TURBINE and its attached electric generators.

The TZUY TURBINE blade has 2 sides. One is the power side and the other is exhaust side. The surface on the power side of the blade that is protruding inside the turbine will receive the powerful push of water into a continuous rotary motion. The used fluid (water) will be squeezed out by the exhaust side of the blade of the turbine up to the water surface. The pushing and squeezing of water inside the turbine will be done automatically due to its big difference of inequality of two opposing forces, that's the force of water from the power side and the force of water from the exhaust side of the rotor's blade. Once submerged, the twin-rotor TZUY TURBINE and the electric generators will rotate and instantly produce electricity.

We can also increase or boost the electrical power output of the existing hydroelectric power plant. We will use big and numerous TWIN-ROTOR TZUY TURBINE and electric generators attached to it and submerged it at the bottom of the dam filled with water. Since the level of water behind the dam is quite high which may rise and reach 100 meters or more the water (hydrostatic) pressure at the bottom of the dam is powerful enough to spin the numerous twin turbines to produce large amount of electrical energy. If we can use this system to all hydroelectric power plants worldwide we'll have enough cheap electrical energy to consume.

The TWIN-ROTOR TZUY TURBINE without the electric generators can also pump big volume of water for irrigation. It's just submerged in a deep water and instantly it will pump water. This can be a big advantage to the farmers to produce more food and make more money for their family. When there is enough food to eat there will be less people that will go hungry. Farmers will be encouraged to plant more food. When the supply of food is abundant it will become cheap and affordable to all.